

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,452,842 B2
APPLICATION NO. : 10/678288
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INVENTOR(S) : Wakatsuki et al.

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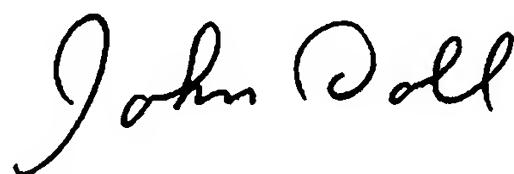
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, See Item (73) Assignee: should read as follows:

--Japan Oil, Gas and Metals National Corporation, Kanagawa (JP), and
Japan Petroleum Exploration Co., Ltd., Tokyo (JP)--

Signed and Sealed this

Ninth Day of June, 2009



JOHN DOLL
Acting Director of the United States Patent and Trademark Office